

Executive Summary
BPA Fish and Wildlife MOA Funding
(Dollars in Millions)
April 2, 2002

	FY	Actual 1996	Actual 1997	Actual 1998	Actual 1999	Actual 2000	Actual 2001	96-01 Total	96-01 Avg
Direct Program Expenses									
MOA Plan		100.0	100.0	100.0	100.0	100.0	100.0	600.0	100.0
Avg Expenditure Amount Available 1/		100.0	133.1	153.5	150.6	144.6	138.6		
Actual (FY 1996-2001) 2/		68.5	82.2	104.9	108.2	108.2	101.1	573.0	95.5
Carry Forward Balance 3/ 4/		31.5	50.9	48.6	42.5	36.4	37.5		
Reimbursable F&W Expenses of Other Agencies									
MOA Plan		38.4	40.5	40.5	40.5	40.5	40.5	240.9	40.2
Avg Expenditure Amount Available		40.2	45.3	50.0	54.4	56.6	60.4		
Actual (FY 1996-2001)		35.4	35.9	36.4	38.9	37.6	42.4	226.6	37.8
Carry Forward Balance 4/		4.8	9.4	13.6	15.5	19.0	18.0		
Capital Investments Fixed Expenses									
MOA Plan		73.1	87.2	105.7	117.7	129.3	129.3	642.3	107.1
Avg Expenditure Amount Available 1/		111.5	151.9	190.3	233.3	278.4	325.2		
Actual (FY 1996-2001)		73.0	76.3	74.2	76.1	77.2	77.1	453.9	75.7
Carry Forward Balance 4/		38.5	75.6	116.1	157.2	201.2	248.1		
Total									
MOA Plan		211.5	227.7	246.2	258.2	269.8	269.8	1,483.2	247.2
Avg Expenditure Amount Available 1/		251.7	330.3	393.8	438.3	479.6	524.2		
Actual Expenditures		176.9	194.4	215.5	223.2	222.9	220.7		
Carry Forward Balance 4/		74.8	135.9	178.3	215.1	256.6	303.6		
River Operations									
Power Purchases		0.0	0.0	5.4	47.6	64.8	1,389.6	1,507.4	251.2
Foregone Revenues		81.7	107.8	116.5	197.8	193.1	115.9	812.8	135.5
Other 6/		1.6	2.4	-1.9	5.9	79.1	0.0	87.1	14.5
Total		83.3	110.2	120.0	251.3	337.0	1,505.5	2,407.3	401.2
Actual Expenditures Grand Total		260.2	304.6	335.5	474.5	559.9	1,726.2	3,660.9	610.1 5/
ESA Related Transmission Enhancements		0.0	12.7	1.6	0.1	0.9	1.9	17.2	2.9

Assumptions:

Expenditure Plan and River Operations equal display in BPA's FY 2003 Congressional Budget. Actual Expenditures for all expenses and capital investments reflect FY 1996 - 2001 actual results. This funding stream shows the most likely accruals related to Obligations from the NWPPC prioritization process. Actual accruals may be more or less during a given year within the year MOA period.

Notes:

1/ In addition, \$27 million per year in capital funding (borrowing) provided by BPA for the Direct Program through 2001. The Interest and Amortization for this is reflected in the Expenditures Plan for the Capital Investment category.

2/ This information is reported on an accrual basis. For Direct Program management purposes, BPA also reports these expenditures on an obligations basis. Typically the accruals lag the obligations, since not all funds are expended in the year in which they are obligated.

3/ BPA's FY 1996 - 2001 Fish and Wildlife Program Expense Budget is \$100 million per year. Actual expenses for FY 1996 - 2001 were approximately \$37.5 million less than what was available.

4/ Original MOA Plan included interest at 5.093 percent for FY 1999 - 2001. The actual interest rate is determined annually (10/1). The interest rate for FY 1996 is 5.083%, 1997 is 5.093%, 1998 is 4.221%, 1999 is 4.864%, 2000 is 6.193%.

5/ During the initial discussions when developing the MOA, the "96-01 Avg" was estimated to be about \$435 million.

6/ These estimated costs are related to limitations placed on operating ranges (forebay levels and generator efficiency) and other operations for fish which produce effects on power production not identified in Hydro regulation models.